

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 106632	APPLICATION NO. 09/771,708
		APPLICANT(S) Shankar BALASUBRAMANIAN et al.	
		FILING DATE January 30, 2001	GROUP 1645

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
✓	5,302,509	4/94	Cheeseman		
	5,314,829	5/94	Coles		
	5,634,413	6/97	Listner et al.		
	5,643,768	7/97	Kawasaki		
	5,658,754	8/97	Kawasaki		
	5,780,231	7/98	Brenner		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
0 665 293 A2	8/95	Europe		
0 721 016 A2	7/96	Europe		
0 853 129 A2	7/98	Europe		
0 995 804 A2	4/00	Europe		
<del>1 96 12 356 A1</del>	<del>10/97</del>	<del>Germany</del>		

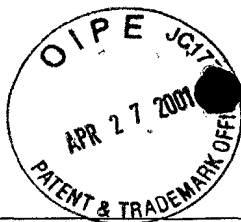
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

✓	S. Foder et al., "Combinatorial Chemistry - Applications of Light-Directed Chemical Synthesis", <u>TRENDS IN BIOTECHNOLOGY</u> , January 1994, Vol. 12, pp. 19-26.
✓	M. Schena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", <u>SCIENCE</u> , October 20, 1995, Vol. 270, pp. 467-470.
✓	S. Tyagi et al., "Molecular Beacons: Probes that Fluoresce Upon Hybridization", <u>NATURE BIOTECHNOLOGY</u> , March 1996, Vol. 14, pp. 303-308.
✓	M. Bulyk et al., "Quantifying DNA-Protein Interactions by Double-Stranded DNA Arrays", <u>NATURE BIOTECHNOLOGY</u> , June 1999, Vol. 17, pp. 573-577.

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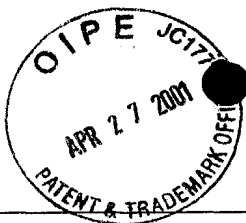
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W		WO 89/03432 (EP-A-0381693)	4/89	PCT			
		WO 90/13666	11/90	PCT			
		WO 93/21340 (EP-A-0640146)	10/93	PCT			
		WO 95/20053	7/95	PCT			
		WO 96/27025	9/96	PCT			
		WO 96/36731	11/96	PCT			
		WO 97/04131	2/97	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
h		R. Vale et al., "Direct Observation of Single Kinesin Molecules Moving Along Microtubules", <u>NATURE</u> , April 1996, Vol. 380, pp. 451-453.					
f		P. Moyer et al., "Near-Field Optical Microscopes Break the Diffraction Limit", <u>LASER FOCUS WORLD</u> , October 1993, pp. 105-109.					
h		H. Hansma et al., "Biomolecular Imaging with the Atomic Force Microscope", <u>Annu. Rev. Biophys. Biomol. Struct.</u> , 1994, Vol. 23, pp. 115-139.					
v		G. Binnig et al., "Scanning Tunneling Microscopy", <u>Helvetica Physica Acta</u> , Vol. 55, 1982, pp. 726-735.					
EXAMINER  N				DATE CONSIDERED  Sept. '87			
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W		WO 97/08183	3/97	PCT			
		WO 98/03673	1/98	PCT			
		WO 98/20019	5/98	PCT			
		WO 98/29376	7/98	PCT			
		WO 99/05315	2/99	PCT			
		WO 99/05321	2/99	PCT			
		WO 99/28494	6/99	PCT			
W		WO 99/28505	6/99	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
W		A. Mirzabekov, "DNA Sequencing by Hybridization - A Megasequencing Method and a Diagnostic Tool?", <u>TRENDS IN BIOTECHNOLOGY</u> , January 1994, Vol. 12, pp. 27-32.					
EXAMINER				DATE CONSIDERED			
W				Sept '02			
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EP 0 427 073 A2	05/15/1991	EUROPE		

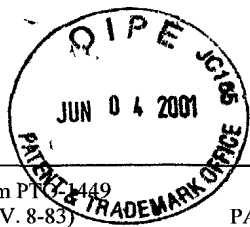
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Pastinen et al., "Minisequencing: A Specific Tool for DNA Analysis and Diagnostics on Oligonucleotide Arrays", GENOME RESEARCH, pp 606-614, 1997
Broude et al., "Enhanced DNA sequencing by hybridization", <i>Proc. Natl. Acad. Sci.</i> , Vol. 91, pp. 30072-3076, April 1994
Zhao et al., "Immobilization of oligodeoxyribonucleotides with multiple anchors to microchips", <i>Nucleic Acids Research</i> , 2001, Vol. 29, No. 4, pp 955-959

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Sheet 1 of 1Form PT-1449  
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>n</i>		J. NIELSEN et al., "Synthetic Methods for the Implementation of Encoded Combinatorial Chemistry", <u>J. Am. Chem. Soc.</u> , 1993, 115, pp. 9812-9813.
<i>n</i>		M. DOKTYCZ et al., "Genosensors and Model Hybridization Studies", <u>Automation Technologies for Genome Characterization</u> , Chapter 10, pp. 205-225.

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